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IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-12.   (cancelled)

13.   (currently amended) A system for the registration and analysis of data from a practised stage, and for the generation of action programs in dependence of the performed analysis, the system comprising:

- an input device for entering result data for one or more predetermined parameters from one or several performed stages;

- a calculating device, connected to the input device and devised to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, in dependence of said result data;

- a profile generation device, connected to said calculation device and devised to generate a characteristics profile by compiling said calculated characteristics measurement values;

- a reference database containing a pre-stored normal characteristics profile;

- a comparison device, connected to the profile generation device and the reference database and devised to generate a comparison profile by comparing said characteristics profile with said pre-stored normal characteristics profile; and

- a selection device connected to the profile generation device or the comparison device or a memory containing a profile data structure, and being devised to select, in dependence of said characteristics profile or said comparison profile, from a multitude of pre-stored action programs, an action program adapted for overcoming shortcomings representative of said comparison profile;

wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties;

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25   wherein said practiser is a sports practiser, said stage being a game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport; and

           wherein said system is ~~The system according to claim 9,~~ adapted for the analysis of the player properties of a golfer, whereby the game parameters are various shot types and the characteristics measurement is the average number of shots per round.

14.   (currently amended) A system for the registration and analysis of data from a practised stage, and for the generation of action programs in dependence of the performed analysis, the system comprising:

           - an input device for entering result data for one or more predetermined

5   parameters from one or several performed stages;

           - a calculating device, connected to the input device and devised to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, in dependence of said result data;

           - a profile generation device, connected to said calculation device and devised to

10   generate a characteristics profile by compiling said calculated characteristics measurement values:

           - a reference database containing a pre-stored normal characteristics profile;

           - a comparison device, connected to the profile generation device and the reference database and devised to generate a comparison profile by comparing said

15   characteristics profile with said pre-stored normal characteristics profile; and

           - a selection device connected to the profile generation device or the comparison device or a memory containing a profile data structure, and being devised to select, in dependence of said characteristics profile or said comparison profile, from a multitude of pre-stored action programs, an action program adapted for overcoming shortcomings

20   representative of said comparison profile;

           wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties;

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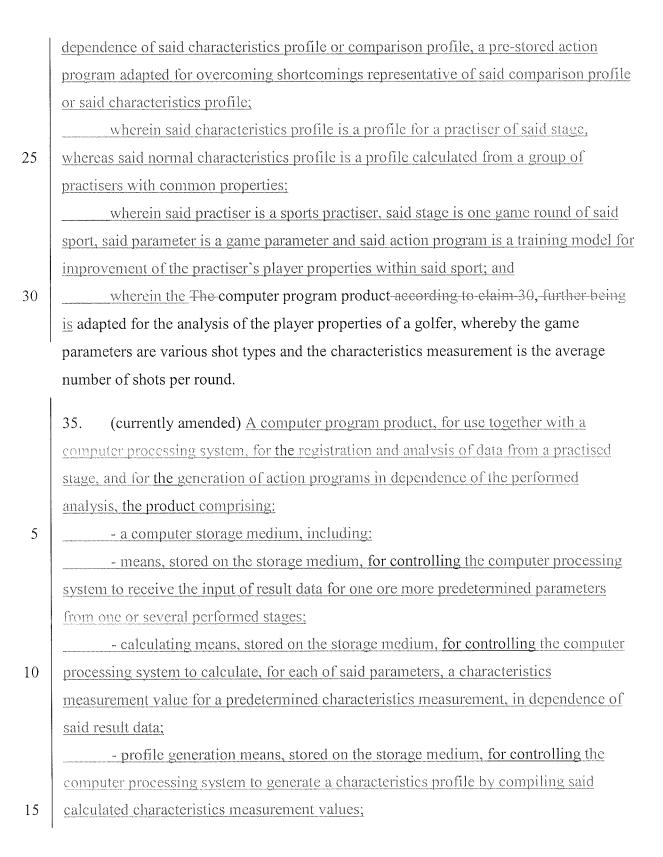Art Unit: 3714
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25   <u>wherein said practiser is a sports practiser, said stage being a game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport; and</u>

<u>wherein the system is</u> ~~The system according to claim 9,~~ adapted for the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristics measurement is the percentage distribution of successful

30   shots in relation to unsuccessful ones.

15-33. (cancelled)

34.   (currently amended) <u>A computer program product, for use together with a computer processing system, for</u> the registration and analysis of data from a practised stage, and for <u>the</u> generation of action programs in dependence of the performed analysis, <u>the product comprising:</u>

5   <u>- a computer storage medium, including:</u>

<u>- means, stored on the storage medium,</u> **for controlling** <u>the computer processing system to receive the input of result data for one ore more predetermined parameters from one or several performed stages;</u>

<u>- calculating means, stored on the storage medium,</u> **for controlling** <u>the computer</u>

10   <u>processing system to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, in dependence of said result data;</u>

<u>- profile generation means, stored on the storage medium,</u> **for controlling** <u>the computer processing system to generate a characteristics profile by compiling said</u>

15   <u>calculated characteristics measurement values;</u>

<u>- comparison means, stored on the storage medium,</u> **for controlling** <u>the computer processing system to generate a comparison profile by comparing said characteristics profile with a normal profile, pre-stored in a reference database; and</u>

<u>- selection means, stored on the storage medium,</u> **for controlling** <u>the computer</u>

20   <u>processing system to select from a plurality of pre-stored action programs, in</u>

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dependence of said characteristics profile or comparison profile, a pre-stored action program adapted for overcoming shortcomings representative of said comparison profile or said characteristics profile;

    wherein said characteristics profile is a profile for a practiser of said stage,

25   whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties;

    wherein said practiser is a sports practiser, said stage is one game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport; and

30   wherein the ~~The~~ computer program product ~~according to claim 30, further being~~ is adapted for the analysis of the player properties of a golfer, whereby the game parameters are various shot types and the characteristics measurement is the average number of shots per round.

35.   (currently amended) A computer program product, for use together with a computer processing system, for the registration and analysis of data from a practised stage, and for the generation of action programs in dependence of the performed analysis, the product comprising:

5   - a computer storage medium, including:

    - means, stored on the storage medium, for controlling the computer processing system to receive the input of result data for one ore more predetermined parameters from one or several performed stages;

    - calculating means, stored on the storage medium, for controlling the computer

10   processing system to calculate, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement, in dependence of said result data;

    - profile generation means, stored on the storage medium, for controlling the computer processing system to generate a characteristics profile by compiling said

15   calculated characteristics measurement values;

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20 - comparison means, stored on the storage medium, for controlling the computer processing system to generate a comparison profile by comparing said characteristics profile with a normal profile, pre-stored in a reference database; and

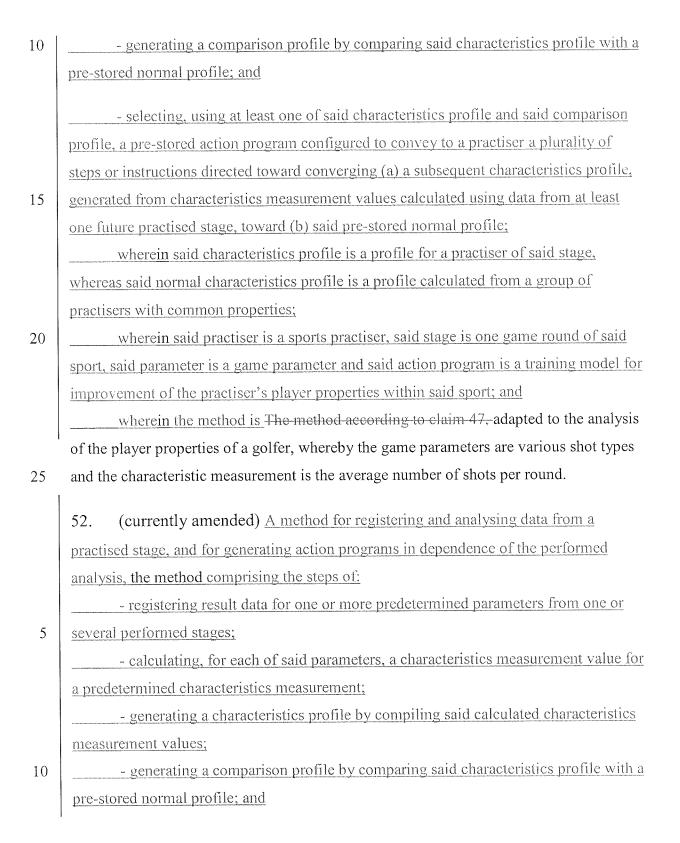- selection means, stored on the storage medium, for controlling the computer processing system to select from a plurality of pre-stored action programs, in dependence of said characteristics profile or comparison profile, a pre-stored action program adapted for overcoming shortcomings representative of said comparison profile or said characteristics profile;

25 wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties;

wherein said practiser is a sports practiser, said stage is one game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport; and

30 wherein the ~~The~~ computer program product ~~according to claim 30, further being~~ is adapted for the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristics measurement is the percentage distribution of successful shots in relation to unsuccessful ones.

36-50. (cancelled)

51. (currently amended) A method for registering and analysing data from a practised stage, and for generating action programs in dependence of the performed analysis, the method comprising the steps of:

- registering result data for one or more predetermined parameters from one or 5 several performed stages;

- calculating, for each of said parameters, a characteristics measurement value for a predetermined characteristics measurement;

- generating a characteristics profile by compiling said calculated characteristics measurement values;

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10   - generating a comparison profile by comparing said characteristics profile with a

pre-stored normal profile; and

        - selecting, using at least one of said characteristics profile and said comparison

profile, a pre-stored action program configured to convey to a practiser a plurality of

steps or instructions directed toward converging (a) a subsequent characteristics profile,

15   generated from characteristics measurement values calculated using data from at least

one future practised stage, toward (b) said pre-stored normal profile;

        wherein said characteristics profile is a profile for a practiser of said stage,

whereas said normal characteristics profile is a profile calculated from a group of

practisers with common properties;

20   wherein said practiser is a sports practiser, said stage is one game round of said

sport, said parameter is a game parameter and said action program is a training model for

improvement of the practiser's player properties within said sport; and

        wherein the method is ~~The method according to claim 47,~~ adapted to the analysis

of the player properties of a golfer, whereby the game parameters are various shot types

25   and the characteristic measurement is the average number of shots per round.

52.   (currently amended) A method for registering and analysing data from a

practised stage, and for generating action programs in dependence of the performed

analysis, the method comprising the steps of:

        - registering result data for one or more predetermined parameters from one or

5   several performed stages;

        - calculating, for each of said parameters, a characteristics measurement value for

a predetermined characteristics measurement;

        - generating a characteristics profile by compiling said calculated characteristics
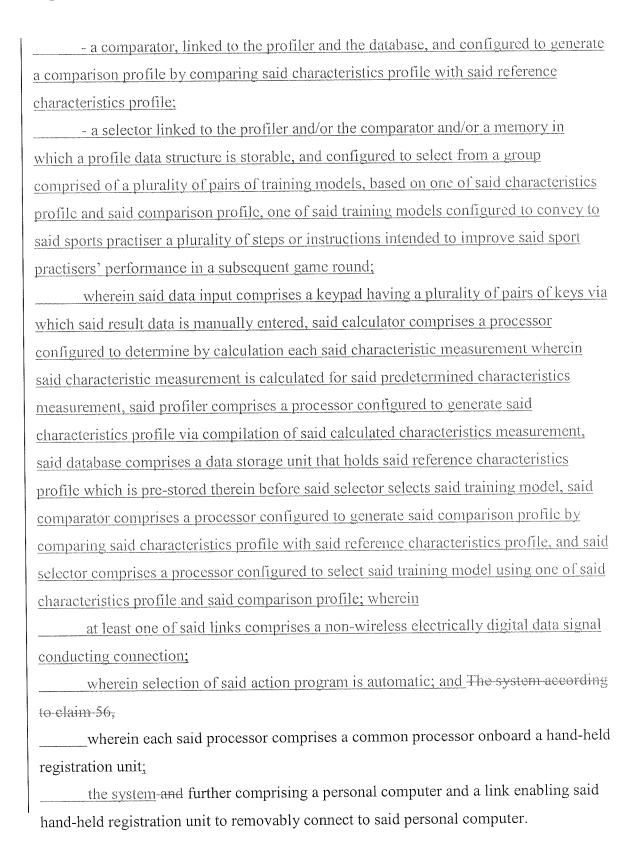
measurement values;

10   - generating a comparison profile by comparing said characteristics profile with a

pre-stored normal profile; and

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- selecting, using at least one of said characteristics profile and said comparison profile, a pre-stored action program configured to convey to a practiser a plurality of steps or instructions directed toward converging (a) a subsequent characteristics profile, generated from characteristics measurement values calculated using data from at least one future practised stage, toward (b) said pre-stored normal profile;

wherein said characteristics profile is a profile for a practiser of said stage, whereas said normal characteristics profile is a profile calculated from a group of practisers with common properties;

wherein said practiser is a sports practiser, said stage is one game round of said sport, said parameter is a game parameter and said action program is a training model for improvement of the practiser's player properties within said sport; and

wherein said method is ~~The method according to claim 47,~~ adapted to the analysis of the player properties of a tennis player, whereby the game parameters are various shot types and the characteristic measurement is the percentage distribution of successful shots in relation to unsuccessful ones.

53-56. (cancelled)

57. (currently amended) A system for the registration and analysis of data from a practised game round of a sport, and for the generation of action programs based on the performed analysis, the system comprising:

- a data input configured to accept result data of one or more predetermined game parameters from one or more game rounds played or practiced by a sports practiser;

- a calculator, linked to the data input and configured to determine, for each of said game parameters, a characteristics measurement relating to a predetermined characteristics measurement based on said result data;

- a profiler, linked to said calculator, and configured to generate a characteristics profile using said calculated characteristics measurement;

- a database storing a reference characteristics profile for a reference practiser of said sport, or a reference group of practisers with a plurality of common characteristics;

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_____ - a comparator, linked to the profiler and the database, and configured to generate a comparison profile by comparing said characteristics profile with said reference characteristics profile;

_____ - a selector linked to the profiler and/or the comparator and/or a memory in which a profile data structure is storable, and configured to select from a group comprised of a plurality of pairs of training models, based on one of said characteristics profile and said comparison profile, one of said training models configured to convey to said sports practiser a plurality of steps or instructions intended to improve said sport practisers' performance in a subsequent game round;

_____ wherein said data input comprises a keypad having a plurality of pairs of keys via which said result data is manually entered, said calculator comprises a processor configured to determine by calculation each said characteristic measurement wherein said characteristic measurement is calculated for said predetermined characteristics measurement, said profiler comprises a processor configured to generate said characteristics profile via compilation of said calculated characteristics measurement, said database comprises a data storage unit that holds said reference characteristics profile which is pre-stored therein before said selector selects said training model, said comparator comprises a processor configured to generate said comparison profile by comparing said characteristics profile with said reference characteristics profile, and said selector comprises a processor configured to select said training model using one of said characteristics profile and said comparison profile; wherein

_____ at least one of said links comprises a non-wireless electrically digital data signal conducting connection;

_____ wherein selection of said action program is automatic; and ~~The system according to claim 56,~~

_____ wherein each said processor comprises a common processor onboard a hand-held registration unit;

_____ the system ~~and~~ further comprising a personal computer and a link enabling said hand-held registration unit to removably connect to said personal computer.

58.   (currently amended) A system for the registration and analysis of data from a practised game round of a sport, and for the generation of action programs based on the performed analysis, the system comprising:

    - a data input configured to accept result data of one or more predetermined game parameters from one or more game rounds played or practiced by a sports practiser;

    - a calculator, linked to the data input and configured to determine, for each of said game parameters, a characteristics measurement relating to a predetermined characteristics measurement based on said result data;

    - a profiler, linked to said calculator, and configured to generate a characteristics profile using said calculated characteristics measurement;

    - a database storing a reference characteristics profile for a reference practiser of said sport, or a reference group of practisers with a plurality of common characteristics;

    - a comparator, linked to the profiler and the database, and configured to generate a comparison profile by comparing said characteristics profile with said reference characteristics profile;

    - a selector linked to the profiler and/or the comparator and/or a memory in which a profile data structure is storable, and configured to select from a group comprised of a plurality of pairs of training models, based on one of said characteristics profile and said comparison profile, one of said training models configured to convey to said sports practiser a plurality of steps or instructions intended to improve said sport practisers' performance in a subsequent game round;.

    wherein said data input comprises a keypad having a plurality of pairs of keys via which said result data is manually entered, said calculator comprises a processor configured to determine by calculation each said characteristic measurement wherein said characteristic measurement is calculated for said predetermined characteristics measurement, said profiler comprises a processor configured to generate said characteristics profile via compilation of said calculated characteristics measurement, said database comprises a data storage unit that holds said reference characteristics profile which is pre-stored therein before said selector selects said training model, said comparator comprises a processor configured to generate said comparison profile by comparing said characteristics profile with said reference characteristics profile, and said

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selector comprises a processor configured to select said training model using one of said characteristics profile and said comparison profile, wherein at least one of said links comprises a non-wireless electrically digital data signal conducting connection,

_____ wherein selection of said action program is automatic; and ~~The system according to claim 56~~,

_____ wherein said data input is comprised of a hand-held unit~~; and~~

_____ the system further comprising a personal computer[,] wherein said processor of at least one of said calculator, said profiler, comparator and said selector is disposed onboard said hand-held unit and said processor of at least one other of said calculator, said profiler, comparator and said selector is disposed onboard said personal computer with at least one of said links linking said hand-held unit and said personal computer.

59-60. (cancelled)